CI-202

Portable Laser Leaf Area Meter

Durable and Field-Ready

Collect precise leaf area measurements with this high-resolution, battery-powered laser scanner. Durable and self-contained, researchers use the CI-202 in the field or in the lab to measure virtually any type of leaf, needle, or seed. Store more than 8000 data points on the device and export for further statistical analysis.

CID Bio-Science INC.
Tools that work where you work.

Applications

- Botanists use the CI-202 to quantify phenotypic changes of measure leaf area in-situ
- Plant physiologists use the CI-202 to measure leaves and relate changes in shape characteristic to physiological function
- Scientists apply the CI-202 to a range of organic and inorganic materials, like seeds, wings, and manufactured parts

Measuring thickness	1.5 cm maximum
Measuring width	15 cm maximum
Measuring length	36 cm
Resolution	0.01 cm²
Accuracy	± 1% for samples >10 cm²
Interface	USB 2.0
Scanner	670 nm LASER
Memory size	8,000 measurements

Display	16 characters × 2 lines LCD
Scanning speed	200 mm / second
Battery	7.2 volt rechargeable NiMH
Battery capacity	Over 250 scans per charge
Operating temperature	0 – 50 °C
Dimensions	38.5L x 29W x 12.5H cm
Weight	1,500 g

Product Features

- Measures area, length, width, and perimeter and calculates shape factor and ratio
- Non-destructive and versatile
- Flattens curled leaves to provide precise measurements
- Resolution of 0.1 mm
- Simple, straight-forward operation
- Stores up to 8,000 single measurements
- Lightweight and self-contained instrument with built-in data logger and LCD display
- Rechargeable battery
- USB port transfers data to computer and charges the device as needed
- No user calibration required
- Includes communication software, operational manual, and hard shell carrying case

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